

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2005/001219

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 E04B5/12 E04B1/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 392 928 A (* SIMPSON STRONG-TIE INTERNATIONAL INC) 17 March 2004 (2004-03-17)	1-4, 6-11, 13, 16, 22-27, 29-35
Y	the whole document	5, 14, 15, 28
Y	US 2 176 450 A (BARNETT GEORGE F) 17 October 1939 (1939-10-17) the whole document	5, 14, 15, 28
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

30 June 2005

Date of mailing of the international search report

08/07/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 1 564 752 A (GRINDROD J) 16 April 1980 (1980-04-16) the whole document	1-6, 9-11, 13, 18-21, 23-27, 30-35
X	GB 2 304 352 A (ROBIN MARK * SIBLEY; DAVID WALTER * SIBLEY) 19 March 1997 (1997-03-19) the whole document	1, 2, 9-12, 19-25, 27, 30, 32-35
X	DE 201 18 580 U1 (THOMSEN, JAN) 14 February 2002 (2002-02-14) the whole document	1-4, 6, 9, 10, 13, 16, 17, 22-24, 26, 30-35

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 2392928	A	17-03-2004	GB 2393459 A	31-03-2004
US 2176450	A	17-10-1939	NONE	
GB 1564752	A	16-04-1980	NONE	
GB 2304352	A	19-03-1997	NONE	
DE 20118580	U1	14-02-2002	NONE	